



# UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/887,404	06/22/2001	Valentin Chartier	5974-075	8426

27383 7590 10/19/2004

CLIFFORD CHANCE US LLP  
31 WEST 52ND STREET  
NEW YORK, NY 10019-6131

EXAMINER
----------

AMINI, JAVID A

ART UNIT	PAPER NUMBER
----------	--------------

2672

DATE MAILED: 10/19/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

## Office Action Summary

**Application No.**

09/887,404

**Applicant(s)**

CHARTIER ET AL.

**Examiner**

Javid A Amini

**Art Unit**

2672

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

### Status

- 1) ☒ Responsive to communication(s) filed on 07 July 2004.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

### Disposition of Claims

- 4) ☐ Claim(s) \_\_\_\_\_ is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-11, 14-16, 19, 20, 23 and 24 is/are rejected.
- 7) ☒ Claim(s) 12, 13, 17, 18, 21, 22, 25 and 26 is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

### Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

### Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
- 1) ☐ Certified copies of the priority documents have been received.
  - 2) ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  - 3) ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

### Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)  
Paper No(s)/Mail Date \_\_\_\_\_.
- 4) ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date \_\_\_\_\_.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: \_\_\_\_\_.

***Continued Examination Under 37 CFR 1.114***

A request for continued examination under 37 CFR 1.114, including the fee set forth in 37 CFR 1.17(e), was filed in this application after final rejection. Since this application is eligible for continued examination under 37 CFR 1.114, and the fee set forth in 37 CFR 1.17(e) has been timely paid, the finality of the previous Office action has been withdrawn pursuant to 37 CFR 1.114. Applicant's submission filed on July 07, 2004 has been entered.

***Allowable Subject Matter***

1. Claims 25, 26, 12, 13, 17, 18, 21 and 22 objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

***Claim Rejections - 35 USC § 102***

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

Claims 1-11, 14-16, 19-20, 23-24 rejected under 35 U.S.C. 102(b) as being anticipated by Micro Office 2000 Professional Edition 1999 (hereinafter refers as a 2000).

2. Claims 1, 8, 14, 19 and 23-24.

Examiner compares the teaching of Office 2000 against the broad claim language of the present invention. Examiner sees the Office 2000 as a tool relates to the field computer-aided design

Art Unit: 2672

(CAD), computer aided manufacturing (CAM), computer aided engineering (CAE), product lifecycle management (PLM), and product data management (PDM) systems. A computer system operation method for use in a system comprised of a plurality of workstations arranged in a peer-to-peer architecture, said method providing a means for allowing multiple users simultaneously to modify a model of an object at separate workstations, such that any modification made at any workstation is duplicated at each other workstation in the system, the method comprising: 2000 on page 265 chapter 12 teaches the multi-user or a workgroup that uses Word application. 2000 on pages 269-271 teaches tracking changes to a document (a model of an object), the document could be text, flow chart design and etc. 2000 on page 270 teaches up to eight authors or users can work on one document. Examiner's interpretation for p2p architecture: type of network in which each workstation has equivalent capabilities and responsibilities. 2000 on page 282 teaches routing documents as being connected to your colleagues by a local network or electronic mail. It is well know that a plurality of workstations makes up a network. Receiving at a first workstation input from a user specifying a modification of first data comprising a representation of a model of an object; Examiner interpretation: a workstation able to transmit and receive data with or without a modification of first version of the document, 2000 on page 275 teaches adding comments using document summary information in another words translating said input into a command specifying the portion of the first data to be modified, and the modification to be made; 2000 on page 281 step 4 and also in fig. 12.8 teaches the modification first data by first workstation in accordance with command (could be editing the document) to effect a change in the model as represented by first data; a workstation ables to transmit and receive data with or without a modification of first

Art Unit: 2672

version of the document in another words transmitting said command via a network to other workstations in the system; Another user at a different location (a second workstation) processes the document. By changing the first document at the first workstation and sending it to the second workstation for the second user to modify the proper modification, which cover the following claim limitations: modifying second data comprising a representation of the model of the object, the second data being modified by the second workstation in accordance with said command to effect the change in the model represented by said second data.

3. Claims 2, 9, 10, 15 and 16.

2000 on page 280 in fig. 12.7 shows to create backup copy and also in fig. 12.4 shows another feature modeler. On page 282 shows routing document on a network that considers as a geometric modeler. The computer system operation method of claim 1, wherein said plurality of workstations each run applications comprising a distributor component, a feature modeler, and a geometric modeler.

4. Claim 3.

See rejection of claim 2. The computer system operation method of claim 1, wherein said plurality of workstations each run applications comprising a distributor component, and a feature modeler.

5. Claim 4.

The Microsoft office 2000 professional edition has the same features on each workstation. The computer system operation method of claim 2, wherein said distributor component, feature modeler, and geometric modeler on each of said plurality of workstations are the same.

6. Claims 5, 11.

Art Unit: 2672

2000 on page 280 in fig. 12.7 illustrates file sharing options. And also on page 283 in fig. 12.9 illustrates the routing slip. The computer system operation method of claim 4, wherein said geometric modeler on each of said plurality of workstations employs persistent generic naming.

7. Claims 6, 20.

2000 on page 280 in fig. 12.7 illustrates the step of input comprises one or more constraints relating to cell information, said method further comprising: for each constraint, determining which cells of the model meet the requirement of the constraint; and generating a list of cells meeting all of the requirements of the constraints.

8. Claim 7.

2000 on page 277 in fig. 12.6 tabs general, summary, statistics, contents and custom covers the step of: a) constraints relating to cell dimension; b) constraints relating to the topology of a cell; c) constraints relating to the history of the model evolution; d) constraints relating to specific attributes of a cell; and e) constraints relating to geometrical indications of a cell.

### ***Conclusion***

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Javid A Amini whose telephone number is 703-605-4248. The examiner can normally be reached on 8-4pm.


If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Michael Razavi can be reached on 703-305-4713. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Art Unit: 2672

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Javid A Amini  
Examiner  
Art Unit 2672

Javid Amini

  
JEFFERY A. BRUNS  
PRIMARY EXAMINER